

Back-to-School Data Science Seminar 2022

Developing the Data Science Ready Workforce of Tomorrow: Workforce Development and Higher Education in the Context of Digital Transformation

Sponsored by Jones College and Mississippi State University's Data Science Program, now offering a graduate certificate in Data Science Pedagogy.

The use of data has become one of the most important competencies for organizational success. Successful organizations need a workforce with the expertise to acquire, process, store, and use data to gain insight and build smart systems. This need provides Mississippi's workforce development and education system with a clear responsibility: prepare a workforce ready for digital transformation. This free one-day seminar focuses on the important role played by community colleges in building a data science literate workforce that will help Mississippi remain productive and competitive.



The seminar is free, but space is limited. Please register online.



Jones College



**DATA
SCIENCE**

Tuesday, August 2, 2022

8:30-4:30

Seminar Room

Center for Advanced Vehicular Systems (CAVS)

200 Research Blvd / Starkville, MS 39759

dsci.msstate.edu/events

Developing the Data Science Ready Workforce of Tomorrow: Workforce Development and Higher Education in the Context of Digital Transformation

Sponsors:

Mississippi State University Data Science
Program and Jones College

Location:

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Conference Agenda

8:30 – 9:00	Welcome and Orientation	Peter Ryan Executive Vice Provost and Dean of the Graduate School, MSU Clay Walden Executive Director, Center for Advanced Vehicular Systems (CAVS)
9:00 – 9:30	The Future of Mississippi's Data Science Literate Workforce	David Shaw Provost and Executive Vice President, MSU Mimmo Parisi Professor of Demography and Applied Statistics and Senior Advisor for European and Data Science Development, MSU
9:30 – 10:15	The Rise of Data Science as the Key Workforce Competency in Modern Business	Gary Butler Founder, Chairman and CEO, Camgian Microsystems
10:30 – 11:15	The Challenge of Economic Development in a Digital World	William "Skip" Scaggs Executive Director, North Mississippi Industrial Development Association
11:30 – 12:00	Meeting the Challenge: Introducing Mississippi State University's Certificate in Data Science Pedagogy	Jonathan Barlow Assistant Teaching Professor and Associate Director of the Data Science Program, MSU
12:00 – 1:30	Lunch	A local gourmet food truck will be available.
1:30 – 2:15	Data Science in Finance and Higher Education Decision Making - Managing Complex Organizations in a Digital World	Don Zant Vice President for Finance and Administration, MSU
2:30 – 3:15	The Impact of Social Media in a Digital World	Megan Stubbs-Richardson Assistant Research Professor at the Social Science Research Center (SSRC), MSU
3:30 – 4:15	Rethinking the Sports, Industrial, and Military Athlete in a Digital Age	Reuben Burch Associate Professor (ISE), Jack Hatcher Chair, and Associate Director of Human Factors and Athlete Engineering (CAVS), MSU
4:15 – 4:30	Closing Remarks, Dismissal	Opportunity to Sign Up for Certificate Program and Meet Speakers